

Title (en)

Map information processing apparatus, control method for a map information processing apparatus, control program for a map information processing apparatus, and a recording medium for recording a control program for a map information processing apparatus

Title (de)

Kartendatenverarbeitungsvorrichtung, Steuerverfahren für eine Kartendatenverarbeitungsvorrichtung, Steuerprogramm für eine Kartendatenverarbeitungsvorrichtung und Aufzeichnungsmedium zum Aufzeichnen eines Kontrollprogramms für eine Kartendatenverarbeitungsvorrichtung

Title (fr)

Appareil de traitement d'informations cartographiques, procédé de commande pour un appareil de traitement d'informations cartographiques, programme de commande pour un appareil de traitement d'informations cartographiques, et support d'enregistrement pour enregistrer un programme de commande pour un appareil de traitement d'informations cartographiques

Publication

EP 1887320 A1 20080213 (EN)

Application

EP 07013764 A 20070713

Priority

JP 2006208769 A 20060731

Abstract (en)

The object of the present invention is to provide a map information processing apparatus that is capable of minimizing the amount of update data by setting affected areas of new roads when performing maintenance of a server apparatus for new road information, and by selecting roads that affect route calculation when the result of a route calculation is within an affected area, updates only selected roads in object units. The map information processing apparatus of the present invention sets an update effective range for a new road, and when part or all of the result of a route search by a navigation apparatus overlaps the update effective range, transmits additional map information related to the new road to the navigation apparatus. The navigation apparatus stores the additional map information and performs a route search based on map information to which the additional map information has been added.

IPC 8 full level

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CPC (source: EP US)

G01C 21/34 (2013.01 - EP); **G01C 21/3815** (2020.08 - EP US); **G01C 21/3896** (2020.08 - EP US)

Citation (applicant)

- EP 1555511 A1 20050720 - HITACHI LTD [JP]
- WO 2007054180 A1 20070518 - BAYERISCHE MOTOREN WERKE AG [DE], et al

Citation (search report)

- [X] EP 1555511 A1 20050720 - HITACHI LTD [JP]
- [PX] WO 2007054180 A1 20070518 - BAYERISCHE MOTOREN WERKE AG [DE], et al

Cited by

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Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

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EP 1887320 A1 20080213; **EP 1887320 B1 20111214**; JP 2008032644 A 20080214; JP 4881098 B2 20120222

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